

SEQUENCE LISTING

<110> E.I. du Pont de Nemours and Company

<120> Real Time Quantitative PCR With Intercalating Dye for Single and Multiplex Target DNA

<130> MD1080 PCT

<140>

<150> 60/187537

<151> March 7, 2000

<160> 12

<170> Microsoft Office 97

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 35S CaMV promoter

<400> 1
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<210> 2

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: 35S CaMV promoter

<400> 2
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<210> 3

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<223> Description of Artificial Sequence: soybean lectin gene

<400> 3
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<210> 4

<211> 27

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: soybean lectin

<400> 4
 tgggtggaggc atcataggta atgagaa 27

<210> 5
 <211> 26
 <212> DNA
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 <223> Description of Artificial Sequence: E. coli
 0157:H7 DNA

<400> 5
 atgcagaccc gctggagttt gagaaa 26

<210> 6
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 0157:H7 DNA

<400> 6
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<210> 7
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 <223> Description of Artificial Sequence: SV-40 DNA

<400> 7
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<210> 8
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<400> 8
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<210> 9
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 <212> DNA
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 <223> Description of Artificial Sequence: 35S CaMV

<400> 9
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 ctgccgacag tgggtcccaa gatggacccc caccacgag gagcatcgtg gaaaaagaag 120

acgttccaac cacgtcttca aagcaagtgg attgatgtga catctccact gacgtaaggg 180
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<210> 10

<211> 185

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: soybean lectin
gene Le1

<400> 10

caacgaaaac gagtctggtg atcaagtcgt cgctgttgag tttgacactt tccggaactc 60
ttgggatcca ccaaattccac acatcggaat taacgtcaat tctatcagat ccatcaaaac 120
gacgtcttgg gatttggcca acaataaagt agccaagggt ctcattacct atgatgcctc 180
cacca 185

<210> 11

<211> 527

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: *E. coli*
0157:H7 DNA

<400> 11

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atttggtttt accttaccgg ccgacgggtga acacctactg gcgacgtcgt ggcagcacat 180
atttgtatc aaaagccggt gagcgttatc gccgggctgt ggcgcttatt gttcgccagc 240
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ataagcgccg ccgtgacctg gacaatgttc tgaaagcgcc gctggatgcg ctgacgcatg 360
cggggttgct aatggacgat gagcagtttg atgaaatcaa tattgtgcgc ggtcagctcg 420
ttcctggtga gcggctgggg ataaaaatca cagaactgga gtgcgcatga ataaccacta 480
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<212> DNA

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<223> Description of Artificial Sequence: SV-40 Large-T
antigen DNA

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tgtgtggagt aagaaaaaac agtatgttat gattataact gttatgccta cttataaagg 120
ttacagaata tttttccata attttcttgt atagcagtgc agctttt 167